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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1652

JACKSON ET AL.

Examiner: SWOPE, SHERIDAN

APPLICATION NO: 10/029,345

FILED: DECEMBER 20, 2001

FOR: POLYNUCLEOTIDES ENCODING THE NOVEL HUMAN  
PHOSPHATASE, RET31, AND VARIANTS THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY UNDER 37 C.F.R. § 1.111 WITH  
AMENDMENT**

Sir:

In response to the Official action dated July 14, 2004, please consider the following amendments and remarks for the captioned application, without prejudice. Submitted concurrently herewith is a Petition for Extension of Time for a period of three months, up to and including January 14, 2005, accompanied by the appropriate fee; a marked copy of a Substitute Specification, in addition to a clean copy thereof; a copy of ATCC Deposit Receipt for ATCC Deposit No. PTA-3949; and Exhibits A, B, and C.

**Amendments to the Specification** begin on page 2

**Amendments to the Claims** begin on page 4

**Remarks** begin on page 9

**Exhibits A, B and C** follow page 22 of this paper